

Abstract

5 Compensation of Batch Variation in the Travel due to Variations
in the Layer Thickness or Number of Layers in Multi-layer
Piezoelectric Elements

10 The invention describes a method and an apparatus for charging
a piezoelectric element, for example, used as an actuator in a
fuel injection system of an internal combustion engine. The
method and apparatus are characterized in that the piezoelectric
element is activated by an activation voltage having a value set
as a function of manufacturing characteristics of the particular
15 piezoelectric element and based upon, for example, a correction
value for injected fuel volume.

Fig. 7